

Title (en)
SPECIAL EFFECT PIGMENTS

Title (de)
SPEZIALEFFEKTPIGMENTE

Title (fr)
PIGMENTS À EFFET SPÉCIAUX

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Abstract (en)
[origin: WO2008014309A2] The present invention provides mixed metal oxide based special effect pigments that can be incorporated into optically thin binder systems to produce a "metal flake" appearance that is superior to the "metal flake" appearance presently achievable using conventional special effect pigments. Special effect pigments according to the invention comprise at least 10 wt% of mixed metal oxides that exhibit the McConnellite ($\text{Cu}^{1+}\text{Cr}^{3+}\text{O}_2$) crystal structure. Other metallic elements can be incorporated into the crystal lattice structure to alter the appearance effect of the pigments.

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